

ceptionally in other genera of the *Agrostideae*. Their exceptional occurrence is presumably a reversionary tendency in which the comparatively advanced *Agrostideae* hark back to the more primitive *Festuceae*; at least, such an interpretation is in accord with the views of the relative advancement of the two tribes put forward in 1911 by the late C. E. Bessey<sup>1</sup> in an outline which has been adopted with only slight modification by Hitchcock<sup>2</sup> in this country and by Wettstein<sup>3</sup> in Europe.

GRAY HERBARIUM.

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## NOTES ON THE FLORA OF BOOTHBAY, MAINE—II.

NORMAN C. FASSETT.

*MONTIA LAMPROSPERMA* Cham. This species was found on a salt-marsh at Ocean Point, confined to a spot where a brush pile had been burned the previous year. Hitherto unknown southwest of Penobscot Bay.

*EUPHRASIA PURPUREA* Reeks, var. *RANDII* (Robinson) Fernald & Wiegand. Very abundant at the edge of the turf on the summit of sea-cliffs, White Island. An extension of range southwestward.

*PLANTAGO JUNCOIDES* Lam., var. *GLAUCA* (Hornem.) Fernald. Exposed sea-cliffs, White Island.

*PLANTAGO OLIGANTHOS* R. & S., var. *FALLAX* Fernald. Salt marsh, Ocean Point. An extension southwestward from the station at Great Cranberry Island.<sup>4</sup> A study in the field of our two maritime species of *Plantago* confirmed the statements of Professor Fernald regarding their ecology. On the rocks and sea-cliffs *P. juncoides* and its variety *glauca* were consistently found, while material collected on the salt-marshes was always *P. oliganthos* and its variety *fallax*.

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<sup>1</sup> "There are six tribes and several sub-tribes, of which the Bamboos are the lowest, while the *Agrostideae*, *Paniceae* and *Maydeae* are at the summits of as many diverging phyletic lines"—Bessey, *Outlines of Plant Phyla*, ed. 2: 14 (1911). Bessey's arrangement may have been published in the first edition, which I have not seen.

<sup>2</sup> "The tribes have been arranged in a new sequence based on the complexity of the flower structure."—Hitchcock, *Gen. Grasses U. S.* 2 (1920).

<sup>3</sup> Wettstein, *Handb. Syst. Bot. Aufl. 3*: 895-902 (1924).

<sup>4</sup> *RHODORA* xxvii. 93-104 (1925).